

REMARKS

Claims 1-20 are pending. Claims 1-2, 4-6, 8, 10-11, and 13-20 are rejected. Claims 3, 7, 9, and 12 have allowable subject matter. Applicants have amended the claims to put them in condition for allowance.

Claim 1 has been amended to include the limitation of claim 3 and should now be allowable. Claim 3 has been cancelled.

Claims 2, 4, and 5 being dependent upon claim 3 should be allowable for at least the reason claim 3 is allowable.

Claim 6 has been amended to include the limitation of claim 7 and should now be allowable. Claim 7 has been cancelled.

Claims 8-12 being dependent upon claim 6 should be allowable for at least the reason claim 6 is allowable.

Claim 13 has been amended to include each of the processors coupled to a corresponding unshared memory. Neither Aucsmith (USP 6,243,793) nor Song (USP 5,321,825) separately or in combination has this feature. Thus claim 13 should be allowable.

Claim 14 has been cancelled.

Claim 15 has been amended to include each of the processors having its own unshared memory. Neither Aucsmith (USP 6,243,793) nor Song (USP 5,321,825) separately or in combination has this feature. Thus claim 15 should be allowable.

Claim 16 has been amended to further describe the unshared memories and is supported by paragraph [0017] of the specification.

Claims 16-20 being dependent upon claim 15 should be allowable for at least the reason claim 15 is allowable.

CONCLUSION

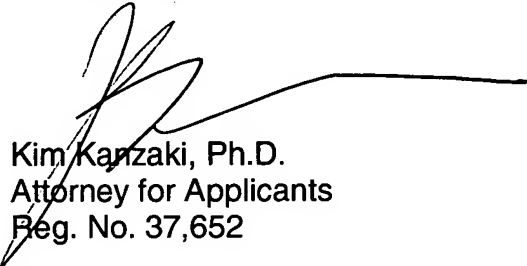
Thus, Applicants submit that none of the claims presently in the application are anticipated under the provisions of 35 U.S.C. § 102 or obvious under the provisions of 35 U.S.C. §103. Consequently, Applicants believe that all these claims are presently

in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

If, however, the Examiner believes that there are any unresolved issues requiring any adverse final action in any of the claims now pending in the application, it is requested that the Examiner telephone Kim Kanzaki at (408) 879-6149 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

All claims should be now be in condition for allowance and a Notice of Allowance is respectfully requested.

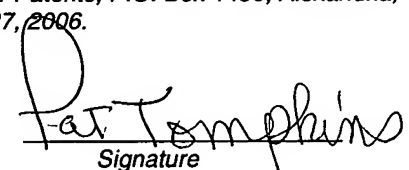
Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on February 27, 2006.

Pat Tompkins
Name



Signature